



Limestone

calcium carbonate

Limestone and calcium carbonate, crucial constituents in the form of CaCO_3 , stand as indispensable raw materials that boast unparalleled versatility and exceptional quality. Extracted with meticulous precision, these essential substances not only serve as the cornerstone for a myriad of industries but also play a pivotal role in upholding manufacturing excellence. Moreover, their utilization contributes significantly to progress and innovation across diverse sectors, underlining their vital role in fostering advancements and sustaining various industrial endeavors.

Chemical Composition

Material	SiO ₂ %	CaO%	C ₂ CO ₃ %	MgO%	R ₂ O ₃ %	Cl-%	S%	P%	LL%
Lump (40-80mm)	0.76	54.14	96.58	0.59	0.60	0.08	0.03	0.04	43.05
Middle (10-40mm)	0.96	54.26	96.58	0.41	0.64	0.16	0.03	0.03	43.20
Fine (0 - 10mm)	1.47	52.68	93.80	0.78	2.17	0.12	0.03	0.03	40.56

Grain Size Distribution

Grain Size (0 - 10mm)		Grain Size (10 - 40mm)	
mm	%	mm	%
+10	3	+40	2
(5-10)	13	(30-40)	51
-3	38	(10-20)	7
		-10	1

Phone +55 47 99661-6930 / +55 41 8890 5797

E-mail: info@alzak.com

Address: Bulding 1804 King Hamid Sultan Hamid Ben Moizah- Deirah - Dubai



www.alzak.com